

ABSTRACT

An industrial control system that is for controlling an industrial process and that can be accessed via the Internet is disclosed. The industrial control system includes a plurality of I/O devices exchanging signals with the industrial process, and a web access module including a web server coupled to a PLC. The web server is capable of being coupled to at least one remote device via the Internet, and the PLC is coupled to the I/O devices. The web access module further includes programming software that can be utilized to generate a controller program for at least one of the PLC and one of the I/O devices. The web server is capable of providing the programming software onto the Internet for transmission to the remote device, so that the remote device is able to generate the controller program.